A lignan with glucose uptake activity in 3T3-L1 adipocytes from the stem bark of Knema patentinervia


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Abstract

A new naturally occurring dibenzylbutyrolactone lignan named isocubebin ether has been isolated from Knema patentinervia. The structure was established by spectroscopic methods, which include Ultraviolet, Infrared, Nuclear Magnetic Resonance and Mass Spectrometry. The compound showed activity in the stimulation of glucose uptake by 3T3-L1 adipocytes.

Author keywords

3T3-L1 adipocytes Glucose uptake Knema patentinervia Lignan

ISSN: 1011601X

Source Type: Journal

Original language: English

Document Type: Article

Publisher: Pakistan Journal of Pharmaceutical Sciences

References (17)